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ORIGINAL ARTICLE

一つこうく id clinical protoc enous hemodialysis catheter to access ol to the conversi

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ABSTRACT

tioning arteriovenous (AV) access. Purpose: ose: Evaluation of the rapid conversion protocol that includes an ambulatory dialysis a three-step clinical pathway, to the conversion rate from central venous hemodialysis (I HD) catheter to funcaccess center (DAC),

after creation, and as an ambulatory unit, able to accommodate clinic visits, ultrasound examinations, surgical, interventional and after creation, and additional procedure to promote maturation if indicated. The success rate, time to conversion and time to catheter removal were recorded. Methods: Prospective data were collected on 97 consecutive catheter-dependent HD pati hybrid procedures. in two weeks and if failure identified, secondary procedure to restore function. Step III: evaluation in four weeks Step I: initial evaluation, vein mapping and creation of AV access. Step II: clinical evaluation ents. DAC is defined

tients, 99% were successfully converted to AV access. Seventy-three percent of the patients were converted to native arteriovenous fistulae and 27% of the patients to prosthetic arteriovenous shunts. The median time from creation to HD catheter removal was 63 (SD 41) days. Fifty-two percent of the patients required at least one additional secondary procedure to accomplish successful conversion Results: From the 97 consecutive referred patients, eight patients were excluded. From the he remaining 89 pa-

plished within the Conclusions: High context of the rapid conversion protocol rates of timely conversion from catheter to AV access, primarily AV fistulae, can be accom-

Keywords: Arteriovenous fistula, Arteriovenous graft, Arteriovenous access, Central venous ca theter, Hemodialysis